FILED VIA EFS

	Attorney Docket Number	6616-72014-06
	Application Number	10/553,884
SUPPLEMENTAL INFORMATION DISCLOSURE	Filing Date	June 19, 2006
STATEMENT BY APPLICANT	First Named Inventor	Lightner
	Art Unit	1638
	Examiner Name	Elizabeth F. McElwain

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
/E.M./		5,639,790	June 17, 1997	VOELKER and DAVIES
/E.M./		5,704,160	January 6, 1998	BERGQUIST et al.
/E.M./		6,229,033	May 8, 2001	KNOWLTON, Susan
/E.M./		6,248,939	June 19, 2001	LETO and ULRICH

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Country	Number	Publication Date	Name of Applicant or Patentee
		PCT/WIPO	WO01/083697	November 8, 2001	EXELIXIS PLANT SCIENCES, INC.
T					

		2 2 1 1 2 2	.,	1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	SCIENCES, INC.
Examiner's Initials*	Cite No. (optional)		ОТН	ER DOCUMENTS	
/E.M./		ANOOP et al., "N	Iodulation of citrate	e metabolism alters alu	minum tolerance in yeast and
i Lastiviai		transgenic canola	overexpressing a m	itochondrial citrate syr	nthase," Plant Physiol.,
		132:2205-2217, 2	003.	•	,
(FT 1 6 (BEISSON et al., '	Arabidopsis genes	involved in acyl lipid 1	netabolism. A 2003 census of
/E.M./		the candidates, a s	tudy of the distribu	tion of expressed seque	ence tags in organs, and a
		web-based databa	se," Plant Physiol.,	132:681-697, 2003.	
		BERT et al., "Cor	nparative genetic ar	nalysis of quantitative	traits in sunflower (Helianthus
/E.M./		<i>annuus L</i> .). 2. Cha	racterisation of QT	L involved in develop	mental and agronomic traits,"
		Theor. Appl. Gene	et., 107:181-189, 20	03.	_
/E.M./		COLBERT et al.,	"High-throughput s	screening for induced p	point mutations," <i>Plant</i>
/ 12.171./		Physiol., 126(2):4	80-484, 2001.		
/*** > 4 /		DEHESH et al., "	Overexpression of 3	3-ketoacyl-acyl-carrier	protein synthase IIIs in plants
/E.M./		reduces the rate of	flipid synthesis," P	lant Physiol., 125:1103	3-1114, 2001.
/F** P.A. /		EASTMOND and	GRAHAM, "Re-ex	kamining the role of gl	yoxylate cycle in oilseeds,"
/E.M./		Trends Plant Sci.,			· ·

EXAMINER /Elizabeth Mcelwain/ SIGNATURE:	DATE CONSIDERED: 06/13/2008
--	--------------------------------

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

FILED VIA EFS

	Attorney Docket Number	6616-72014-06
	Application Number	10/553,884
SUPPLEMENTAL INFORMATION DISCLOSURE	Filing Date	June 19, 2006
STATEMENT BY APPLICANT	First Named Inventor	Lightner
	Art Unit	1638
	Examiner Name	Elizabeth F. McElwain

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/E.M./		ECCLESTON and OHLROGGE, "Expressions of lauroyl-acyl carrier protein thioesterase in <i>brassica napus</i> seeds induces pathways for both fatty acid oxidation and biosynthesis and implies a set point for triacylglycerol accumulation," <i>Plant Cell.</i> 10:613-621, 1998.
00000000000		FATLAND <i>et al.</i> , "Molecular biology of cytosolic acetyl-CoA generation," <i>Biochem. Soc. Trans.</i> , 28(6):593-595, 2000.
000000000000000000000000000000000000000		FATLAND <i>et al.</i> , "Reverse genetic characterization of cytosolic acetyl-CoA generation by ATP-citrate lyase in Arabidopsis," <i>Plant Cell</i> , 17:182-203, 2005.
0000000000000		FELDMANN <i>et al.</i> , "A Dwarf Mutant of Arabidopsis Generated by T-DNA Insertion Mutagenesis," <i>Science</i> , 243(4896):1351-1354, 1989.
000000000000000000000000000000000000000		FOCKS and BENNING, "wrinkled1: A novel, low-seed-oil mutant of Arabidopsis with a deficiency in the seed-specific regulation of carbohydrate metabolism," <i>Plant Physiol.</i> , 118:91-101, 1998.
000000000000000000000000000000000000000		GIRKE <i>et al.</i> , "Microarray analysis of developing Arabidopsis seeds," <i>Plant Physiol.</i> , 124:1570-1581, 2000.
202222222222222222222222222222222222222		JAKO <i>et al.</i> , "Seed-specific over-expression of an Arabidopsis cDNA encoding a diacylglycerol acyltransferase enhances seed oil content and seed weight," <i>Plant Physiol.</i> , 126(2):861-874, 2001.
***************************************		JAMES and DOONER, "Isolation of EMS-induced mutants in Arabidopsis altered in seed fatty acid composition," <i>Theor. Appl. Genet.</i> , 80(2):241-245, 1990.
000000000000000000000000000000000000000		KATAVIC <i>et al.</i> , "Alteration of seed fatty acid composition by an ethyl methanesulfonate-induced mutation in Arabidopsis thaliana affecting diacylglycerol acyltransferase activity," <i>Plant Physiol.</i> , 108:399-409, 1995.
) 2000000000000000000000000000000000000		KATAVIC <i>et al.</i> , "Utility of the <i>Arabidopsis FAE1</i> and yeast <i>SLC1-1</i> genes for improvements in erucic acid and oil content in rapeseed," <i>Biochem Soc. Trans.</i> , 28(6):935-937, 2000.
000000000000000000000000000000000000000		LARSON <i>et al.</i> , "Acyl CoA profiles of transgenic plants that accumulate medium-chain fatty acids indicate inefficient storage lipid synthesis in developing oilseeds," <i>Plant J.</i> , 32:519-527, 2002.
000000000000000000000000000000000000000		LEMIEUX et al., "Mutants of Arabidopsis with alterations in seed lipid fatty acid composition," Theor. Appl. Genet., 80(2):234-240, 1990.
V		LIN et al., "The Pex16p homolog SSE1 and storage organelle formation in Arabidopsis seeds," Science. 284:328-330, 1999.

EXAMINER /Elizabeth Mcelwain/ SIGNATURE:	DATE 06/13/2008 CONSIDERED:
--	--------------------------------

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

FILED VIA EFS

		Application N
	SUPPLEMENTAL INFORMATION DISCLOSURE	Filing Date
	STATEMENT BY APPLICANT	First Named I
ı		A A TT 1

Attorney Docket Number	6616-72014-06
Application Number	10/553,884
Filing Date	June 19, 2006
First Named Inventor	Lightner
Art Unit	1638
Examiner Name	Elizabeth F. McElwain

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
/E.M./		LIONNETON et al., "Development of an AFLP-based linkage map and localization of QTLs for seed fatty acid content in condiment mustard (Brassica juncea)," Genome, 45(6):1203-1215, 2002.
000000000000000000000000000000000000000		LIU and BUTOW, "A transcriptional switch in the expression of yeast tricarboxylic acid cycle genes in response to a reduction or loss of respiratory function," <i>Mol. Cell. Biol.</i> , 19:6720-6728, 1999.
		MCCALLUM <i>et al.</i> , "Targeted screening for induced mutations," <i>Nat. Biotechnol.</i> , 18(4):455-457, 2000.
		MEKHEDOV <i>et al.</i> , "Toward a functional catalog of the plant genome. A survey of genes for lipid biosynthesis," <i>Plant Physiol.</i> , 122:389-401, 2000.
000000000000000000000000000000000000000		MOIRE <i>et al.</i> , "Impact of unusual fatty acid synthesis on futile cycling through β-oxidation and on gene expression in transgenic plants," <i>Plant Physiol.</i> , 134:432-442, 2004.
000000000000000000000000000000000000000		NEUHAUS and EMES, "Nonphotosynthetic Metabolism In Plastids," <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> , 51:111-140, 2000.
000000000000000000000000000000000000000		O'HARA <i>et al.</i> , "Fatty acid and lipid biosynthetic genes are expressed at constant molar ratios but different absolute levels during embryogenesis," <i>Plant Physiol.</i> , 129:310-320, 2002.
000000000000000000000000000000000000000		OKULEY <i>et al.</i> , "Arabidopsis FAD2 Gene Encodes the Enzyme That Is Essential for Polyunsaturated Lipid Synthesis," <i>Plant Cell</i> , 6:147-158, 1994.
8,000,000		PRITCHARD <i>et al.</i> , "Germination and storage reserve mobilization are regulated independently in <i>Arabidopsis</i> ," <i>Plant J.</i> , 31(5):639-647, 2002.
00000000000000000000000000000000000000		RANGASAMY and RATLEDGE, "Compartmentation of ATP:Citrate lyase in plants," <i>Plant Physiol.</i> , 122:1225-1230, 2000.
30000000000000000000000000000000000000		RANGASAMY and RATLEDGE, "Genetic enhancement of fatty acid synthesis by targeting rat liver ATP:citrate lyase into plastids of tobacco," <i>Plant Physiol.</i> , 122:1231-1238, 2000.
000000000000000000000000000000000000000		RATLEDGE <i>et al</i> , "Correlation of ATP/citrate lyase activity with lipid accumulation in developing seeds of <i>Brassica napus</i> L.," <i>Lipids</i> , 32(1):7-12, 1997.
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		RAWSTHORNE, S., "Carbon flux and fatty acid synthesis in plants," <i>Prog Lipid Res.</i> , 41:182-196, 2002.
V		RUUSKA <i>et al.</i> , "Contrapuntal networks of gene expression during Arabidopsis seed filling," <i>Plant Cell</i> , 14:1191-1206, 2002.

|--|

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

FILED VIA EFS

Attorney Docket Number 6616-72014-06 Application Number 10/553,884 Filing Date June 19, 2006 First Named Inventor Lightner Art Unit 1638 Examiner Name Elizabeth F. McElwain

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS		
/E.M./		RYLOTT <i>et al.</i> , "Co-ordinate regulation of genes involved in storage lipid mobilization in <i>Arabidopsis thaliana</i> ," <i>Biochem Soc. Trans.</i> , 29:283-287, 2001.		
000000000000000000000000000000000000000		SCHNARRENBERGER and MARTIN, "Evolution of the enzymes of the citric acid cycle and the glyoxylate cycle of higher plants, A case study of endosymbiotic gene transfer," <i>Eur. J. Biochem.</i> , 269:868-883, 2002.		
000000		SCHNURR <i>et al.</i> , "Characterization of an acyl-CoA synthetase from <i>Arabidopsis thaliana</i> ," <i>Biochem Soc.Trans.</i> , 28(6):957-958, 2000.		
000000000000000000000000000000000000000		SHOCKEY <i>et al.</i> , "Characterization of the AMP-binding protein gene family in <i>Arabidopsis thaliana</i> : will the real acyl-CoA synthetases please stand up?" <i>Biochem Soc. Trans.</i> , 28(6):955-957, 2000.		
		THELEN <i>et al.</i> , "Biotin carboxyl carrier protein isoforms in Brassicaceae oilseeds," <i>Biochem. Soc. Trans.</i> , 28(6):595-598, 2000.		
000000		WADA <i>et al.</i> , "Role of a positive regulator of root hair development, CAPRICE, in Arabidopsis root epidermal cell differentiation," <i>Development</i> , 129(23):5409-5419, 2002.		
10000000000000000000000000000000000000		WHITE <i>et al.</i> , "A new set of Arabidopsis expressed sequence tags from developing seeds. The metabolic pathway from carbohydrates to seed oil," <i>Plant Physiol.</i> , 124:1582-1594, 2000.		
V		YADAV et al., "Cloning of higher plant omega-3 fatty acid desaturases," Plant Physiol., 103(2):467-476, 1993.		

EXAMINER SIGNATURE:	/Elizabeth Mcelwain/	DATE CONSIDERED:	06/13/2008
------------------------	----------------------	---------------------	------------

^{*} Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.